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**McCormick et al.**

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(54) **PROCESS FOR COATING AND/OR  
 TOUCHING UP COATINGS ON METAL  
 SURFACES**

(75) **Inventors: David R. McCormick, Clawson;  
 Andreas Lindert, Troy, both of MI  
 (US)**

(73) **Assignee: Henkel Corporation, Gulph Mills, PA  
 (US)**

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*Primary Examiner*—Anthony Green

(74) *Attorney, Agent, or Firm*—Wayne C. Jaeschke;  
 Stephen D. Harper

(57) **ABSTRACT**

A composition and method for coating and touching up a metal surface is provided. The composition contains from about 0.5 to about 240 millimoles per kilograms of a fluorometallate ion, from about 0.5 grams/liters to about 10 grams/liter of phosphorous-containing inorganic oxy anions calculated at their stoichiometric equivalent as H<sub>3</sub>PO<sub>4</sub>; from about 0.05 g/l to about 3.5 g/l of hexavalent chromium and from about 0.10 g/l to about 2.20 g/l of trivalent chromium ions.

**22 Claims, No Drawings**